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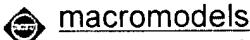
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Ivan L. Wemple, Andrew T. Yang

January 1995 **Proceedings of the 32nd ACM/IEEE conference on Design automation****Publisher:** ACM PressFull text available:  [pdf\(150.40 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**2 Controlled simplification of genus for polygonal models**

Jihad El-Sana, Amitabh Varshney

October 1997 **Proceedings of the 8th conference on Visualization '97****Publisher:** IEEE Computer Society PressFull text available:   [pdf\(1.11 MB\)](#)  Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)
[Publisher Site](#)**3 Collision detection and proximity queries**Sunil Hadap, Dave Eberle, Pascal Volino, Ming C. Lin, Stephane Redon, Christer Ericson
August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes GRAPH '04****Publisher:** ACM PressFull text available:  [pdf\(11.22 MB\)](#) Additional Information: [full citation](#), [abstract](#)

This course will primarily cover widely accepted and proved methodologies in collision detection. In addition more advanced or recent topics such as continuous collision detection, ADFs, and using graphics hardware will be introduced. When appropriate the methods discussed will be tied to familiar applications such as rigid body and cloth simulation, and will be compared. The course is a good overview for those developing applications in physically based modeling, VR, haptics, and robotics.

4 Geometric modeling: Extraction and remeshing of ellipsoidal representations from mesh data

Patricio D. Simari, Karan Singh

May 2005 **Proceedings of the 2005 conference on Graphics interface GI '05****Publisher:** Canadian Human-Computer Communications SocietyFull text available:  [pdf\(410.92 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Dense 3D polygon meshes are now a pervasive product of various modelling and scanning processes that need to be subsequently processed and structured appropriately for



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(c) extract a polyhedral approximation to the stability region. ...

www.qrg.northwestern.edu/papers/Files/qr-workshops/QR91/Zhao_1991_Exacting_Representing_Behaviors_Systems.pdf -[Similar pages](#)**[PDF] CS 465 Homework 6**File Format: PDF/Adobe Acrobat - [View as HTML](#)The recursion should terminate when the spline's **convex hull** ... This option isused to **tessellate** the surface of revolution. ...www.cs.cornell.edu/Courses/cs465/2003fa/homeworks/hw6-v3.pdf - [Similar pages](#)**[PDF] Microsoft PowerPoint - DataMining2005_Lecture6.ppt**File Format: PDF/Adobe Acrobat - [View as HTML](#)In d dimensions, **tessellate** using Delaunay tiles. Dual of Voronoi tessellation.Yields simplices. • Choose the **convex hull** and a comparatively ...www.galaxy.gmu.edu/stats/syllabi/IT871/SDM2005_6.pdf - [Similar pages](#)**[PDF] Compatible Triangulations of Spatial Decompositions**File Format: PDF/Adobe Acrobat - [View as HTML](#)difficult to **tessellate** in a compatible manner. Such meshes are ... uniquetriangulation of the **convex hull** of a set of non-degenerate points P [11]. ...public.kitware.com/VTK/pdf/OrderedTriangulator.pdf - [Similar pages](#)**[PDF] On mappings between electronic noses**File Format: PDF/Adobe Acrobat - [View as HTML](#)**tessellate** the **convex hull** of the X points for which we know the corresponding

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... or blackish hairs; leg with white hairs except for **inner surface** of tarsus ... Clypeus with apical half densely **tessellate** and basal half shagreened, with shallow ...

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hairs; **inner surface** of basitarsi with dense, short yellow hairs. ... Clypeus well convex, finely **tessellate**, feebly shiny, **surface** with ...

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inner surfaces of a bottle. No distinction is made for. internal cavities. ...

tells the msroll program how finely to **tessellate** (trian- ...

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Calyx tube **inner surface tessellate**. 19a. Calyx tube slightly or not at all constricted at throat, orifice ring narrow (ca. 1 mm or less wide) or. absent. ...

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dictionary: "tessellate" means to form or arrange small ... **inner surface**.

surface edge. (object border). curve. 23 nov 2005. Stina Svensson (stina@cb.uu.se ...

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dictionary: "tessellate" means to form or arrange small. squares in a checkered or mosaic pattern ... junction. **inner surface**. **surface edge**. (object border) ...

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if we for example choose to **tessellate** a subdivision ... The **inner** loop that weights the control. vertices to the **surface** vertices. 5. Results / Future work ...

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entire **inner surface**. Other documents describe the. design of the video computation, rendering, and ... set of programs to **tessellate** spherical **surfaces**, ...